

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. E. - SEMESTER – VI • EXAMINATION – WINTER 2012**

**Subject code: 160203****Date: 04/01/2013****Subject Name: Transport management and Laws****Time: 02.30 pm - 05.00 pm****Total Marks: 70****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Which are the advantages of road transport? **07**  
(b) Explain in detail what is the purpose of preparing accident report? How it is prepared? **07**

- Q.2** (a) Explain the main aspects should be considered in traffic demand. **07**  
(b) Explain the importance of an Automobile Engineer in transport industry. **07**

**OR**

- (b) Explain the different cases in which tax may be refunded? **07**

- Q.3** (a) What is the procedure to accident claim under a motor policy? **07**  
(b) Explain the duties of conductor in case of accident. **07**

**OR**

- Q.3** (a) How do you work out operational cost of a transport organization? How these costs are categorized as fixed? What costs variable? **07**  
(b) Explain linkage between structural conditions and transport. **07**

- Q.4** (a) Explain fire insurance, machines insurance and vehicle insurance. **07**  
(b) Explain the modes of road transport. **07**

**OR**

- Q.4** (a) Differentiate between State Transport and Private Bus Service. **07**

- Q.4** (b) Explain Euro-I and Euro-II norms for vehicle. **07**

- Q.5** (a) Explain the requirements of first aid. **07**  
(b) Explain the causes of road accident in details. **07**

**OR**

- Q.5** (a) What do you understand by comfort driving? Explain various factors affecting driving comfort. **07**  
(b) Write down the ill effect of mist and explain precautions to be taken. **07**

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